Rhelon G2520H-01

Polyamide 66

RheTech, Inc.

Message:

Rhelon G2520H-01 is a Polyamide 66 (Nylon 66) product filled with 20% glass fiber. It can be processed by injection molding and is available in North America. Primary characteristic: heat stabilizer.

General Information			
Filler / Reinforcement	Glass Fiber,20% Filler by Weight		
Additive	Heat Stabilizer		
Features	Heat Stabilized		
Appearance	Black		
Processing Method	Injection Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	1.28	g/cm³	ASTM D792
Molding Shrinkage - Flow	0.20 to 0.40	%	ASTM D955
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength	124	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	3.0	%	
Break	3.0	%	
Flexural Modulus	5860	MPa	ASTM D790
Flexural Strength	159	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (23°C)	43	J/m	ASTM D256
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (1.8 MPa, Unannealed)	249	°C	ASTM D648
Peak Melting Temperature	257	°C	ASTM D789
Injection	**Nominal Value**	**Unit**	
Drying Temperature	79.4	°C	
Suggested Max Moisture	0.20	%	
Suggested Max Regrind	25	%	
Rear Temperature	246 to 257	°C	
Middle Temperature	263 to 274	°C	
Front Temperature	268 to 282	°C	
Nozzle Temperature	268 to 282	°C	
Processing (Melt) Temp	263 to 282	°C	

Recommended distributors for this material

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